Using DoDTechipedia
For The
Acquisition Community

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Information for the Defense Community DTIC®

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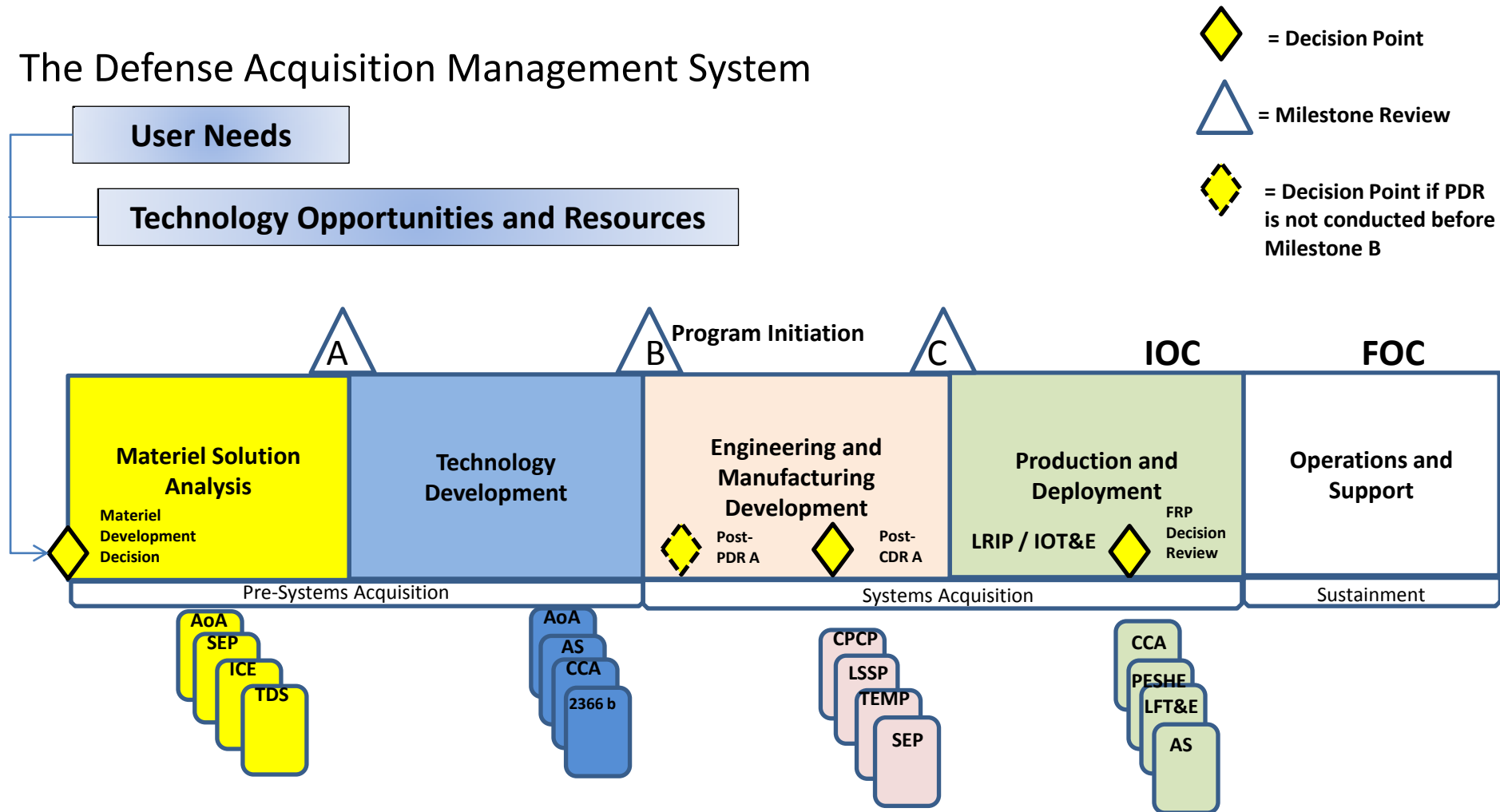
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The Defense Acquisition Management System

Legend:
- ◆ = Decision Point
- △ = Milestone Review
- ◆ = Decision Point if PDR is not conducted before Milestone B

User Needs

Technology Opportunities and Resources

A	B Program Initiation	C	IOC	FOC
Materiel Solution Analysis Materiel Development Decision ◆	**Technology Development**	**Engineering and Manufacturing Development** ◆ Post-PDR A ◆ Post-CDR A	**Production and Deployment** LRIP / IOT&E ◆ FRP Decision Review	**Operations and Support**

Pre-Systems Acquisition | Systems Acquisition | Sustainment

Materiel Solution Analysis artifacts:
- AoA
- SEP
- ICE
- TDS

Technology Development artifacts:
- AoA
- AS
- CCA
- 2366 b

Engineering and Manufacturing Development artifacts:
- CPCP
- LSSP
- TEMP
- SEP

Production and Deployment artifacts:
- CCA
- PESHE
- LFT&E
- AS

DoDI 5000.02 identifies the statutory and regulatory information requirements for each milestone and decision point.

Acquisition Document Storage

- Program documentation is not routinely stored or widely available to the Acquisition Community

- Lack of Organized Program Documentation Hinders…
  - Root Cause Analysis
  - Program Oversight
  - Lessons Learned
  - Re-Use of Core/Common Data and Information

- USD for AT&L directed OUSD AT&L (ARA) to solve the Acquisition Document Storage and Retrieval Problem

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"AIR is an Authoritative, Searchable Source of Approved Milestone Acquisition Information"

AIR CONOPS
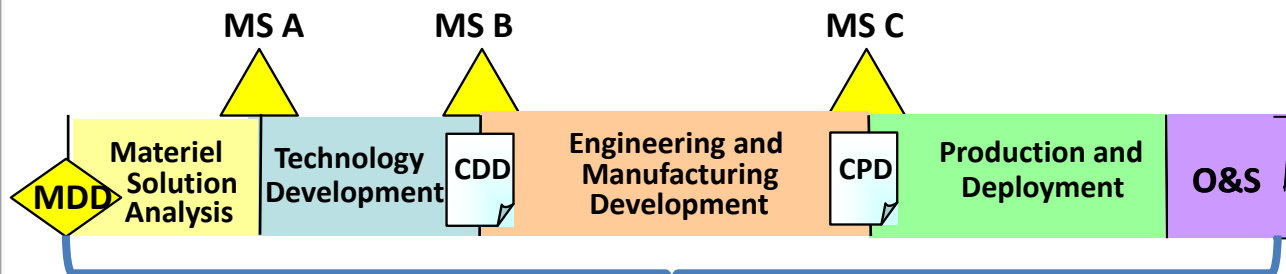
AIR General Users – read
AIR Local Users – read, write
AIR Administrators – read, write, configure

MS A   MS B   MS C

| MDD | Materiel Solution Analysis | Technology Development | CDD | Engineering and Manufacturing Development | CPD | Production and Deployment | O&S |

Current

Approved Milestone Information

Capability Requirements	Program Justification	Program Strategy	Test	Certification
ICD CDD CPD	CARD Afford. EA AOA	Market Research LMDS ASR RBP PESHE ISP SEP LCMP BPR IAS SRD	PIR LRIP Report OT Plan DT TEMP TES	ATO/ IATO CCA IO BEA Spec-trum
JCS	PA&E	AT&L	DT&E/OT&E	OSD, JCS

Program Direction/Baseline

ADM   APB 10 U.S.C.
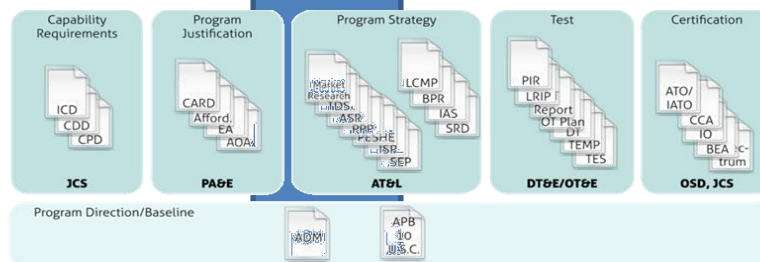
Meta-tagged Documents; Extensible to Data

Wide access Securely selected

DTIC

WIKI

OSD Staff
• AT&L
• CAPE
• Comptroller
• OT&E, etc
Joint Staff
MILDEPs
• Hdqtrs
• PEOs
• PMs/PMOs

Authoritative source for AV, etc.

• A step toward "write once, use many", structured data, MS decision readiness, horizontal analysis, root-cause analysis, etc.

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AIR Implementation

- Leverage existing DTIC DoDTechipedia capabilities
- Establish interoperability with other Business Intelligence tools via web services
- Standardize document taxonomy with use of program information obtained from Defense Acquisition Management Information Repository (DAMIR)
- Design
  - Intuitive User Interface
  - Minimize User workload
  - Customizable Searches based on any metadata element

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Using DoDTechipedia Wiki for AIR

- Access to AIR is PKI controlled
  - Most milestone information has not been approved for public release
  - Milestone information may be sensitive and have distribution limitations
  - The aggregation of information poses security risks
- Document access is managed by document owner
  - Permissioning is vital to AIR security requirements

Advantages of Hosting AIR in DoDTechipedia

- System is accessible to the acquisition user community throughout OSD, Component Elements, Program Offices and DoD Contractors.

- System is scalable and sustainable to accommodate program documentation for all acquisition phases of MDAP, MAIS and Special Interest Programs.

- Centralized storage of Acquisition Information Facilitates:
  - Milestone Readiness Determination
  - PARCA mission
    - Program Performance Assessment
    - Root Cause Analysis

AIR Initial Operational Capability Feb 2012

- DTIC management and developers met every technical challenge with enthusiasm and ingenuity.
  - User Interface is straightforward and intuitive
  - Robust Search capability
  - Document Upload highly automated
  - Design features allow AIR Administrators to easily reconfigure the system to respond to DoDI 5000 changes.
- DTIC managed agile development to meet customer needs at each project milestone.
- DTIC delivered the AIR capability on schedule.

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